ABSTRACT OF THE DISCLOSURE

A coating solution is applied to a web to form a coating layer. Then the web is transported into a drying apparatus, in which a guide roller guides the web such that an angle of the web to a horizontal direction is smaller downstream from the guide roller. The angles at entrance and exit of the drying apparatus are named entrance and exit angles $\theta 1$, $\theta 3$, respectively, and satisfy a condition $\theta 1 > \theta 3$. The coating layer has the temperature T1 at the entrance, the temperature T2 at the exit, and the temperature T3 in the drying apparatus. The differences $|T2-T1|$ and $|T3-T1|$ are at most 5 $^{\circ}C$. In the drying apparatus, as the organic solvent evaporates uniformly, the generation of the unevenness is reduced. Thereafter, the drying is made at the large drying speed in the blow-drying apparatus to obtain a film product.